

## Table K2. - Soil Features

Pulaski County, Virginia

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1C:									
Berks	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Low	Low	High
Gilpin	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	High
1D:									
Berks	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Low	Low	High
Gilpin	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	High
1F:									
Berks	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Low	Low	High
Gilpin	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	High
2B:									
Braddock	---	---	---	---	0	---	Moderate	High	Moderate
2C:									
Braddock	---	---	---	---	0	---	Moderate	High	Moderate
2D:									
Braddock	---	---	---	---	0	---	Moderate	High	Moderate

# Table K2. - Soil Features - Continued

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
3B:		In	In		In	In			
Braddock	---	---	---	---	0	---	Moderate	High	Moderate
Urban land	---	---	---	---	0	---	---	---	---
4C:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Low
4D:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Low
5C:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Low
5D:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Low
6E:									
Carbo	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Low
Rock outcrop	---	---	---	---	0	---	---	---	---
7A:									
Cotaco	---	---	---	---	0	---	None	Moderate	High

7B:

**Table K2. - Soil Features - Continued**

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
7B: Cotaco	---	---	---	---	0	---	None	Moderate	High
7C: Cotaco	---	---	---	---	0	---	None	Moderate	High
8: Dunning	---	---	---	---	0	---	None	High	Moderate
9: Fluvaquents	---	---	---	---	0	---	---	---	---
10B: Frederick	---	---	---	---	0	---	Moderate	Moderate	High
10C: Frederick	---	---	---	---	0	---	Moderate	Moderate	High
10D: Frederick	---	---	---	---	0	---	Moderate	Moderate	High
11C: Gilpin	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	High
Lily	Bedrock (lithic)	20-40	---	Indurated	0	---	None	Moderate	High

**Table K2. - Soil Features - Continued**

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Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
11D: Gilpin	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	High
Lily	Bedrock (lithic)	20-40	---	Indurated	0	---	None	Moderate	High
11F: Gilpin	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	High
Lily	Bedrock (lithic)	20-40	---	Indurated	0	---	None	Moderate	High
12B: Groseclose	---	---	---	---	0	---	Moderate	High	High
Urban land	---	---	---	---	0	---	---	---	---
12C: Groseclose	---	---	---	---	0	---	Moderate	High	High
Urban land	---	---	---	---	0	---	---	---	---
13B: Groseclose	---	---	---	---	0	---	Moderate	High	High
Poplimento	---	---	---	---	0	---	Moderate	High	Moderate

**Table K2. - Soil Features - Continued**

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
13C:									
Groseclose	---	---	---	---	0	---	Moderate	High	High
Poplimento	---	---	---	---	0	---	Moderate	High	Moderate
13D:									
Groseclose	---	---	---	---	0	---	Moderate	High	High
Poplimento	---	---	---	---	0	---	Moderate	High	Moderate
14C:									
Klinesville	Bedrock (paralithic)	10-20	---	Strongly cemented	0	---	Moderate	Moderate	High
Berks	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Low	Low	High
14F:									
Klinesville	Bedrock (paralithic)	10-20	---	Strongly cemented	0	---	Moderate	Moderate	High
Berks	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Low	Low	High
15C:									
Leck Kill	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	Moderate
Rayne	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	High

**Table K2. - Soil Features - Continued**

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
15D: Leck Kill	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	Moderate
Rayne	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	High
16D: Lily	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Moderate	High
Ramsey	Bedrock (lithic)	10-20	---	Indurated	0	---	None	Low	Moderate
16F: Lily	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Moderate	High
Ramsey	Bedrock (lithic)	10-20	---	Indurated	0	---	None	Low	Moderate
17: Lindside	---	---	---	---	0	---	High	Moderate	Low
Nolin	---	---	---	---	0	---	None	Low	Moderate
Dunning	---	---	---	---	0	---	---	---	---
18B: Lodi	---	---	---	---	0	---	Moderate	Moderate	High

## Table K2. - Soil Features - Continued

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
18C: Lodi	---	---	---	---	0	---	Moderate	Moderate	High
18D: Lodi	---	---	---	---	0	---	Moderate	Moderate	High
19C: Lodi	---	---	---	---	0	---	Moderate	Moderate	High
19D: Lodi	---	---	---	---	0	---	Moderate	Moderate	High
20B: Lowell	Bedrock (lithic)	40-80	---	Indurated	0	---	None	High	Moderate
20C: Lowell	Bedrock (lithic)	40-80	---	Indurated	0	---	None	High	Moderate
20D: Lowell	Bedrock (lithic)	40-80	---	Indurated	0	---	None	High	Moderate
21B: Lowell	Bedrock (lithic)	40-80	---	Indurated	0	---	None	High	Moderate
Urban land	---	---	---	---	0	---	---	---	---

**Table K2. - Soil Features - Continued**

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
21C: Lowell	Bedrock (lithic)	40-80	---	Indurated	0	---	None	High	Moderate
Urban land	---	---	---	---	0	---	---	---	---
22C: Monongahela	Fragipan	18-36	---	Weakly cemented	0	---	Moderate	High	High
22D: Monongahela	Fragipan	---	---	Weakly cemented	0	---	Moderate	High	High
	Fragipan	18-36	---	Weakly cemented					
23: Newark variant	---	---	---	---	0	---	High	High	Low
Dunning	---	---	---	---	0	---	---	---	---
24C: Nolichucky	---	---	---	---	0	---	None	Moderate	High
24D: Nolichucky	---	---	---	---	0	---	None	Moderate	High
25C:									



## Table K2. - Soil Features - Continued

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
25C: Nolichucky	---	---	---	---	0	---	Moderate	Moderate	High
25D: Nolichucky	---	---	---	---	0	---	Moderate	Moderate	High
25F: Nolichucky	---	---	---	---	0	---	Moderate	Moderate	High
26F: Ramsey	Bedrock (lithic)	10-20	---	Indurated	0	---	None	Low	Moderate
Lily	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Moderate	High
Rock outcrop	---	---	---	---	0	---	---	---	---
27C: Rayne	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	High
27D: Rayne	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	High
27E: Rayne	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	High

28F:

**Table K2. - Soil Features - Continued**

Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
28F: Rayne	Bedrock (paralithic)	40-80	---	Strongly cemented	0	---	Moderate	Low	High
Berks	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Low	Low	High
Groseclose	---	---	---	---	0	---	Moderate	High	High
29F: Rock outcrop	---	---	---	---	0	---	---	---	---
Newbern	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Low	Low
Carbo	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Low
Fluvaquent	---	---	---	---	0	---	---	---	---
30C: Sherando	---	---	---	---	0	---	Low	Low	High
31F: Sherando	---	---	---	---	0	---	Low	Low	High
32B: Slabtown	---	---	---	---	0	---	Moderate	Moderate	Low

## Table K2. - Soil Features - Continued

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Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
32C: Slabtown	---	---	---	---	0	---	Moderate	Moderate	Low
33: Urban land	---	---	---	---	0	---	---	---	---
34: Wheeling	---	---	---	---	0	---	Moderate	Low	Moderate
35C: Wurno	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	Low
Newbern	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Low	Low
Faywood	Bedrock (lithic)	20-40	---	Indurated	0	---	None	High	Moderate
35D: Wurno	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	Low
Newbern	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Low	Low
Faywood	Bedrock (lithic)	20-40	---	Indurated	0	---	None	High	Moderate
35E:									

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Pulaski County, Virginia

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
35E: Wurno	Bedrock (paralithic)	20-40	---	Strongly cemented	0	---	Moderate	Low	Low
Newbern	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Low	Low
Faywood	Bedrock (lithic)	20-40	---	Indurated	0	---	None	High	Moderate
36: Zoar	---	---	---	---	0	---	Moderate	High	High
W: Water	---	---	---	---	0	---	---	---	---